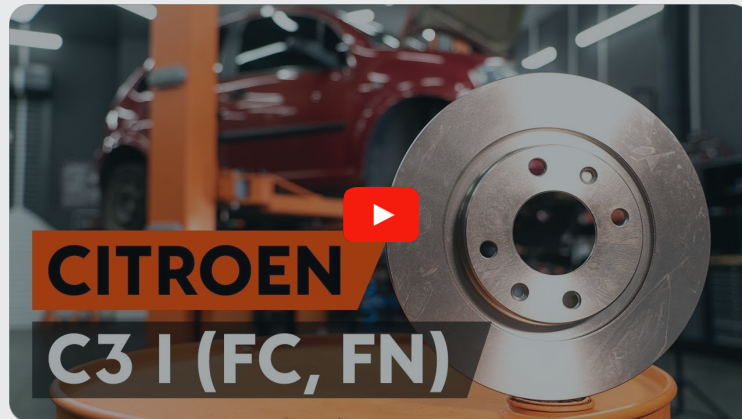




How to change front
brake discs on **CITROËN**
DS3 – replacement guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

Important!

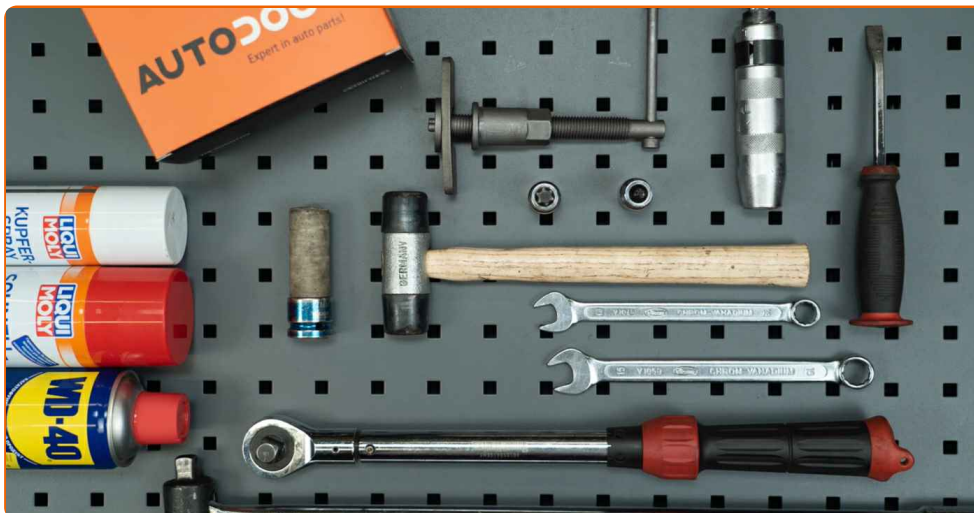
This replacement procedure can be used for:

CITROËN DS3 1.4 HDi 70, CITROËN DS3 1.4 VTi 95, CITROËN DS3 1.6 VTi 120, CITROËN DS3 1.6 HDi 90, CITROËN DS3 1.6 HDi 110, CITROËN DS3 1.6, CITROËN DS3 1.4 VTi 98, CITROËN DS3 1.2 VTi 82, CITROËN DS3 1.4 VTi 95 LPG, CITROËN DS3 1.6 HDi 115, CITROËN DS3 1.6 BlueHDi 120, CITROËN DS3 1.6 BlueHDi 100, CITROËN DS3 1.2 THP 110, CITROËN DS3 1.6 BlueHDi 75

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: CITROËN C3 I Hatchback (FC_, FN_) 1.4 i

REPLACEMENT: BRAKE DISCS – CITROËN DS3. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #13
- Combination spanner #15
- Torx bit T30
- Torx bit T55
- Wheel impact socket #17
- Brake caliper wind back tool
- Torque wrench
- Tap wrench
- Impact screwdriver
- Rubber mallet
- Crow bar
- Wheel chock

Buy tools

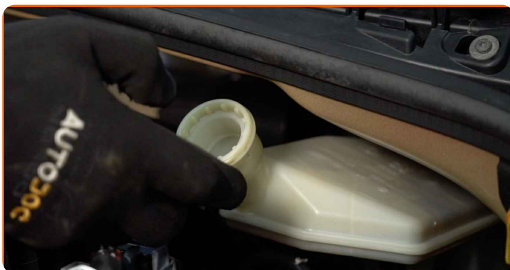
Replacement: brake discs – CITROËN DS3. AUTODOC recommends:

- Replace the brake disks on the car CITROËN DS3 in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- Warning! Shut down the engine before starting any work – CITROËN DS3.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Open the bonnet. Unscrew the brake fluid reservoir cap.

2 Secure the wheels with chocks.



3 Loosen the wheel mounting bolts. Use wheel impact socket #17.



4 Raise the front of the car and secure on supports.

5 Unscrew the wheel bolts.



Replacement: brake discs – CITROËN DS3. Professionals recommend:

- To avoid injury, hold up the wheel when unscrewing the bolts.

6 Remove the wheel.



7 Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.



8

Unscrew the brake caliper fastening. Use a combination spanner #13. Use a combination spanner #15.



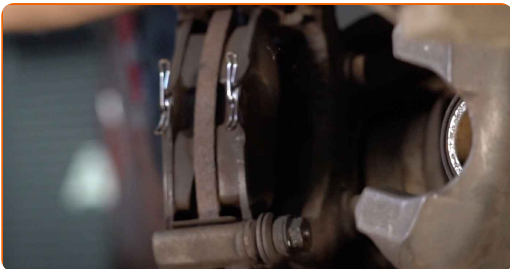
9

Spread the brake pads. Use a crowbar.



10

Remove the brake caliper.



Replacement: brake discs – CITROËN DS3. AUTODOC experts recommend:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

11

Remove the brake pads.



12

Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.



13 Unscrew the caliper bracket fastening. Use Torx T55. Use a tap wrench.



14 Remove the caliper bracket.



15 Clean the brake disc fasteners. Use a wire brush. Use WD-40 spray.



16 Unscrew the brake disc fastening. Use Torx T30. Use an impact screwdriver.



17 Remove the brake disc. Use a rubber mallet.



18 Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.



19 Install the brake disc.



20 Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 9 Nm torque.



21

Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake discs – CITROËN DS3. After applying the spray, wait a few minutes.

22

Install the brake caliper bracket.



23

Tighten the brake caliper bracket. Use Torx T55. Use a torque wrench. Tighten it to 105 Nm torque.



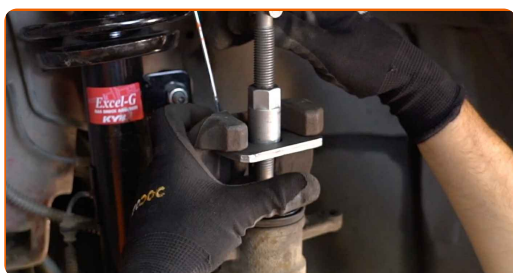
24 Treat the brake caliper piston. Use a brake cleaner.



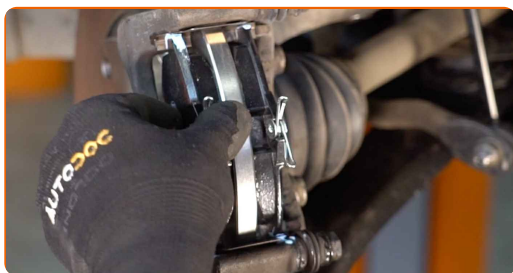
Replacement: brake discs – CITROËN DS3. Tip from AUTODOC:

- After applying the spray, wait a few minutes.

25 Press in the brake caliper piston. Use brake caliper wind back tool.



26 Install the brake pads.



- 27** Install the brake caliper and fix it. Use a combination spanner #13. Use a combination spanner #15. Use a torque wrench. Tighten it to 30 Nm torque.



- 28** Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



- 29** Clean the brake disc surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake discs – CITROËN DS3. After applying the spray, wait a few minutes.

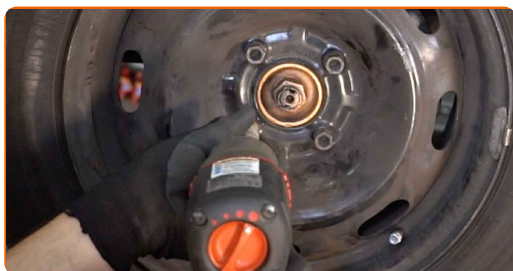
30 Install the wheel.



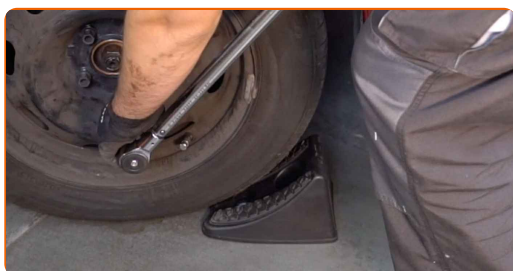
Replacement: brake discs – CITROËN DS3. Tip:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

31 Screw in the wheel bolts. Use wheel impact socket #17.



32 Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 90 Nm torque.



33 Remove the jacks and chocks.

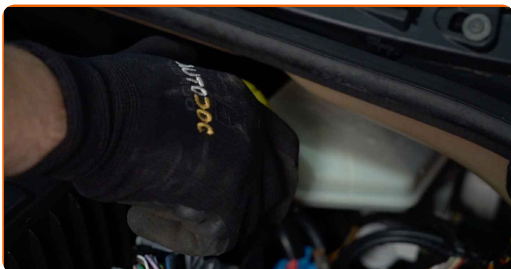


Replacement: brake discs – CITROËN DS3. Tip from AUTODOC experts:

- Check the brake fluid level in the expansion tank and refill if necessary.

34

Tighten the brake fluid reservoir cap.



AUTODOC recommends:

- CITROËN DS3 – Without starting the engine, press the brake pedal several times until it feels firm.

35

Close the hood.

WELL DONE! 

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BRAKE DISCS: A WIDE SELECTION

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